

Serial No. 10/521203

- 2 -

Art Unit: 2636

IN THE CLAIMS:

Claims 1-27 (Cancelled):

28. (new) A device for detecting humans comprising:

 a radio frequency transmitter for generating a signal;

 a radio frequency receiver spaced relative to the radio frequency transmitter for receiving a portion of the signal;

 a path there between sufficient for humans to pass between the transmitter and receiver; and

 a receiver that includes a detector responsive to a change in the received portion of the signal for determining the passing by of a human.

29. (new) A device as claimed in Claim 28 wherein the radio frequency transmitter and receiver are each housed in a pedestal.

30. (new) A device as claimed in Claim 29 wherein the path comprises a lane defined by spacing between the pedestals.

31. (new) A device as claimed in Claim 28 wherein the radio frequency transmitter includes a first antenna for generating a vertically polarized radio frequency signal.

32. (new) A device as claimed in Claim 28 wherein the first antenna comprises a dipole antenna.

33. (new) A device as claimed in Claim 28 wherein the first antenna comprises a folded dipole antenna.

34. (new). A device as claimed in Claim 28 further comprising a second antenna for generating a horizontally polarized signal.

Serial No. 10/521203

- 3 -

Art Unit: 2636

35. (new). A device as claimed in Claim 34 wherein the second antenna comprises a dipole antenna.

36. (new) A device as claimed in Claim 34 wherein the second antenna comprises a folded dipole antenna.

37. (new) A device as claimed in Claim 28 wherein the radio frequency transmitter includes a first and a third antenna.

38. (new) A device as claimed in Claim 37 wherein the first and third antennas comprise a dipole antenna.

39. (new) A device as claimed in Claim 37 wherein the first and third antennas comprise a folded dipole antenna.

40. (new) A device as claimed in Claim 38 further comprising a second antenna for generating a horizontally polarized signal.

41. (new) A device as claimed in Claim 37 wherein first and third antennas are coupled to a single transmitter.

42. (new) A device as claimed in Claim 37 wherein first and third antennas are coupled to separate transmitters.

43. (new) A device as claimed in Claim 28 further comprising a metallic reflector is positioned behind each antenna relative to the path.

44. (new) A device as claimed in Claim 28 wherein the detector responds to a change in the amplitude of the received signal.

Serial No. 10/521203

- 4 -

Art Unit: 2636

45. (new) A device as claimed in Claim 28 wherein both the phase and amplitude of the received signal are used in making a determination.

46. (new) A building-access security system comprising a plurality of devices as claimed in claim 28.

47. (new) A people-counting system comprising a plurality of devices as claimed in claim 28.

48. (new) A building-access security system comprising a video camera system and a plurality of the devices as claimed in claim 28.

49. (new) A building-access security system comprising a plurality of devices as claimed in claim 28, each further comprising an IR detection beam system.

50. (new) A building-access security system comprising a plurality of the devices as claimed in claim 28, each device further comprising distance sensors.

51. (new) A building-access security system as claimed in claim 49 further comprising a video camera system.

52. (new) A building-access security system as claimed in claim 51 wherein the video camera system includes stereo video.

53. (new) A device as claimed in Claim 28 wherein the device includes a capacitance sensor.

54. (new) A device as claimed in Claim 28 wherein the transmitter and receiver are operable to provide a spread spectrum signal.

Serial No. 10/521203

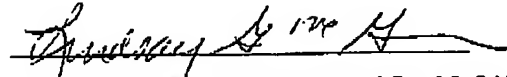
- 5 -

Art Unit: 2636

Please charge any shortages or credit any overages to Deposit Account 503569.

Respectfully submitted,

Date: 3/24/06



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